

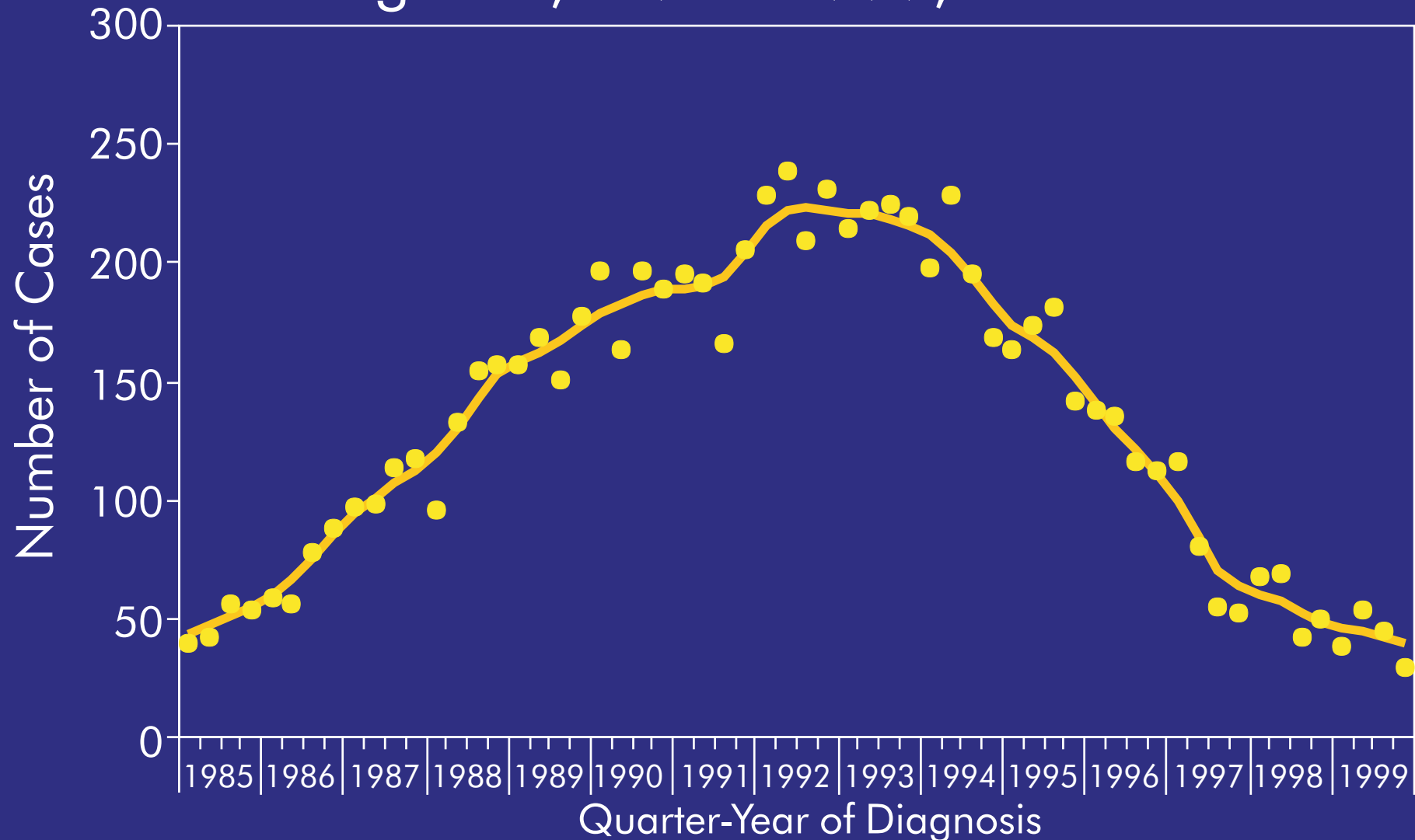
PERINATAL HIV PREVENTION: US AND INTERNATIONAL CHALLENGES

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*Elizabeth Glaser Pediatric AIDS
Foundation*



Perinatally Acquired AIDS Cases by Quarter-Year of Diagnosis,* 1985-1999, United States



*Adjusted for reporting delays and estimated proportional redistribution of cases reported without a risk; data reported through December 2000

PERCENTAGE OF PREGNANCIES SCREENED FOR HIV

County	Before	During/After	Change
Durham	3	70	+67
Cumberland	1	97	+96
Franklin	50	68	+18
Granville	2	87	+85
Person	31	100	+69
Vance	3	81	+78
Warren	6	79	+73

Prenatal Testing by Health Dept

Nov 29, 1993-May 31, 1994

Walter PIDJ 1995;14:376-81

County	No.Screened	Percent
Durham	148	73.6
Franklin	76	73.7
Granville	27	88.9
Person	44	93.2
Vance	23	60.9
Warren	21	85.7

Prenatal Testing by Site

Walter PIDJ 1995;14:376-81

	DUKE	LCHC	HD
Screened (n)	380	148	178
Offered (%)	85.8	91.2	93.2
Accepted (%)	58.3	78.5	87.3
Tested (%)	52.1	73.6	82

Maternal factors Associated With Not Being HIV Tested

Walter PIDJ 1995;14: 376-381

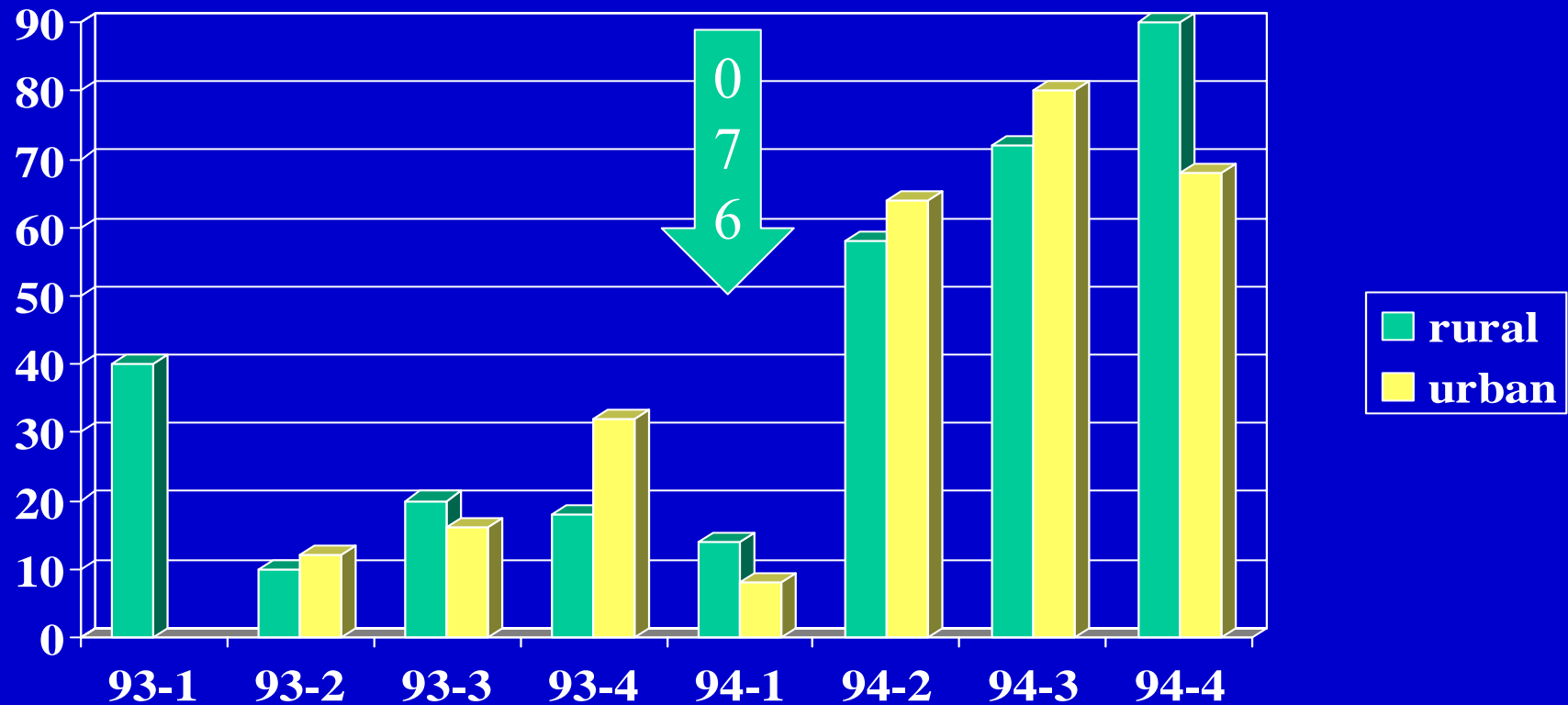
- Race White OR = 2.22(1.49,3.31)
- Age (years) ≥ 30 OR = 2.11(1.43,3.11)
- Education ≥ 12 OR = 2.24(1.37,3.69)

NC Provider Survey 1995-96

(Walter)

- HIV Testing primarily based upon patient request (8%), offered to all patients (82%), or risk assessment (10%).
- Would recommend HIV Testing to prenatal patients without identified risks:
 - Tertiary centers 62%
 - Health dept 69%
 - Private practice 52%

NC 1993-94 Urban Rural ZDV USE (%)



New Mothers and Perinatal HIV

Walter, Ob & Gyn 2001;97:70-6

- 1997 multicenter, cross sectional survey of 1362 women from 7 hospitals in 4 states NC, NY, Florida, Connecticut)
- 89% received information & offered testing
- 69% overall tested; 75% tested of those offered
- 84% thought all pregnant women should be tested
- 60% thought it should be a law

New Mothers and Perinatal HIV

Walter, Ob & Gyn 2001;97:70-6

- 95% women knew HIV transmissible to baby
- 74% knew if baby tested positive, mother was HIV +
- 70% knew transmission was not 100%
- 60% knew HIV transmitted by breast feeding
- 51% knew a medicine could decrease HIV transmission

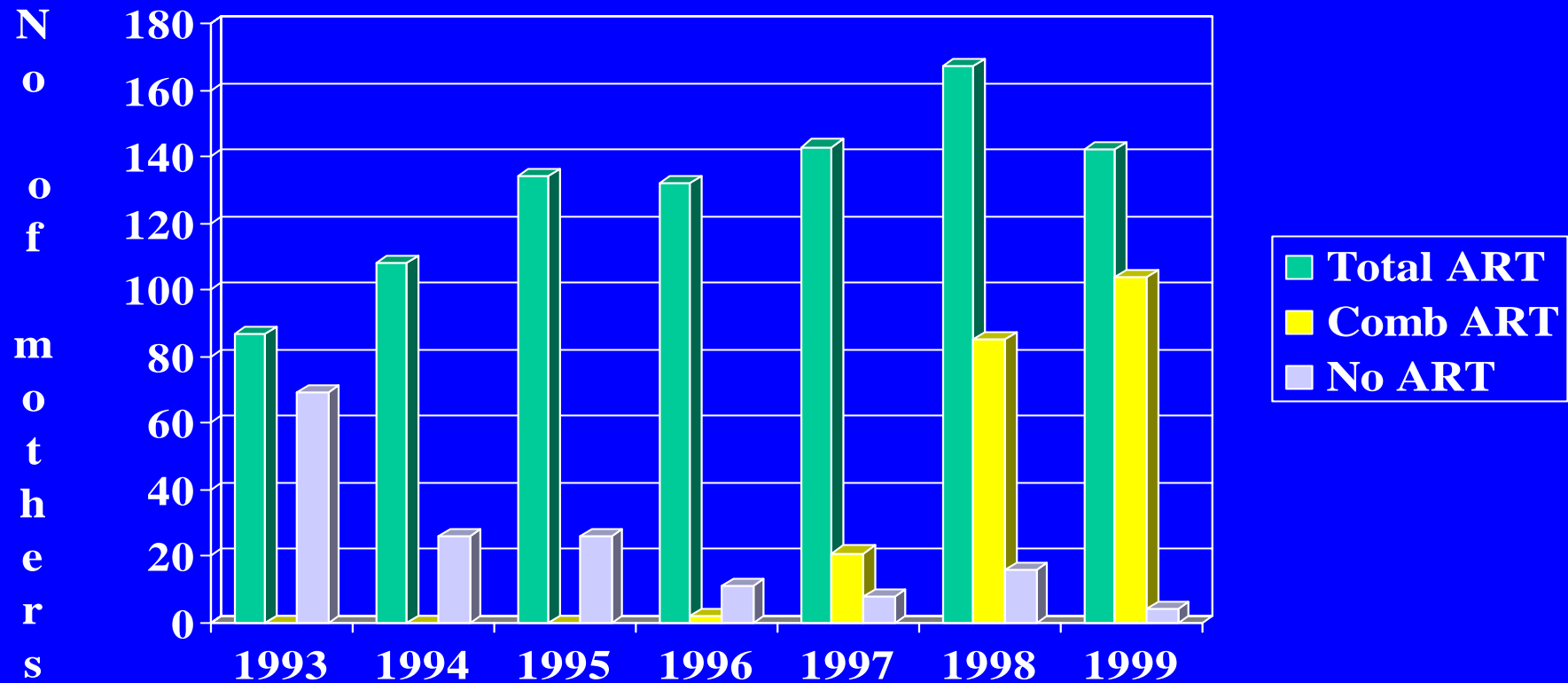
Barriers to Universal HIV Testing 1997

Royce AJPH 2001; 91:727-733

- 69% tested: 56% 1st trimester, 33% 2nd trimester, 11% 3rd trimester.
- 30% did not know their status at delivery
- Women with private insurance 3 times more likely not to be tested
- 55% (of those not tested) did not perceive a need for the test
- 39% (of those not tested) were tested prior to this pregnancy

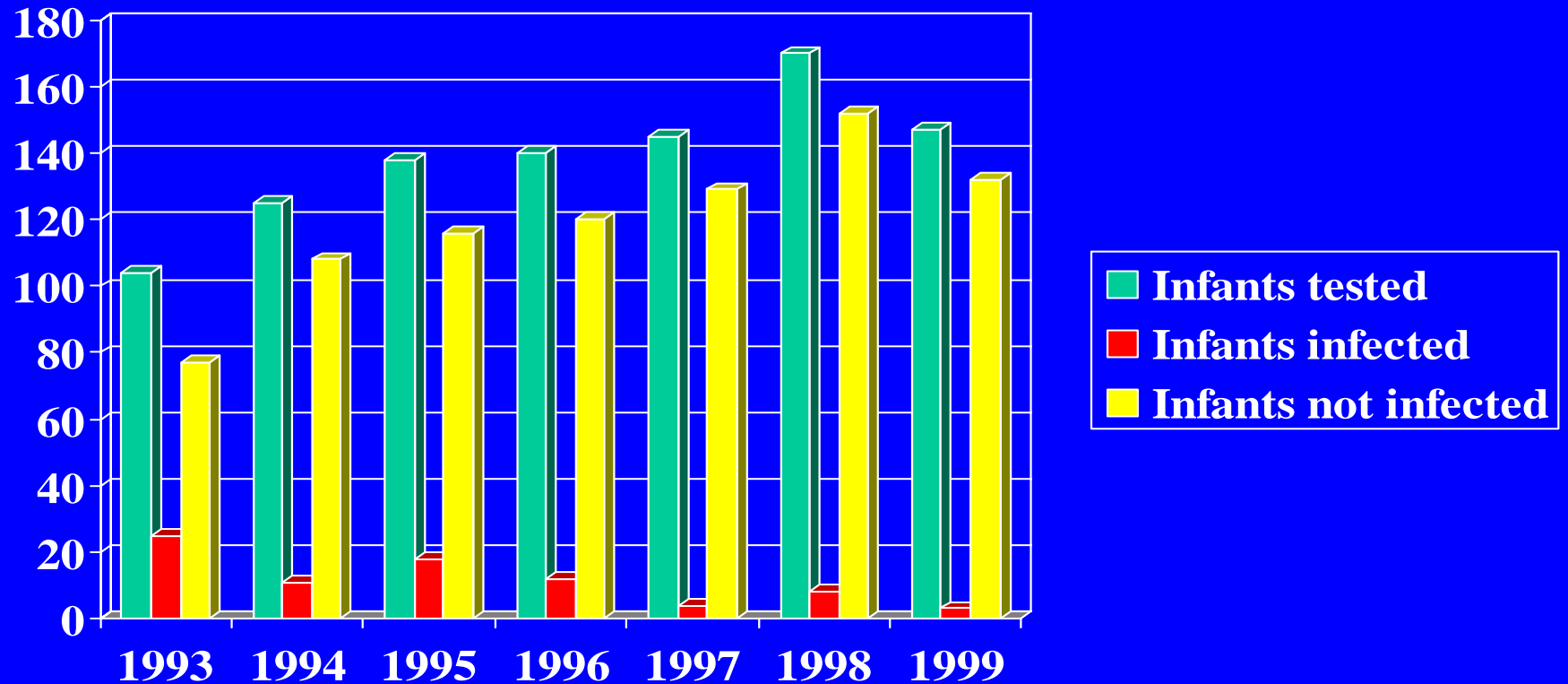
ART of HIV Exposed Infants NC 1993-99

Fiscus: In Press



Infection Status & ART of 978 HIV Exposed Infants NC 1993-1999

(Fiscus, In Press)



1995-97 NC VCT and Transmission

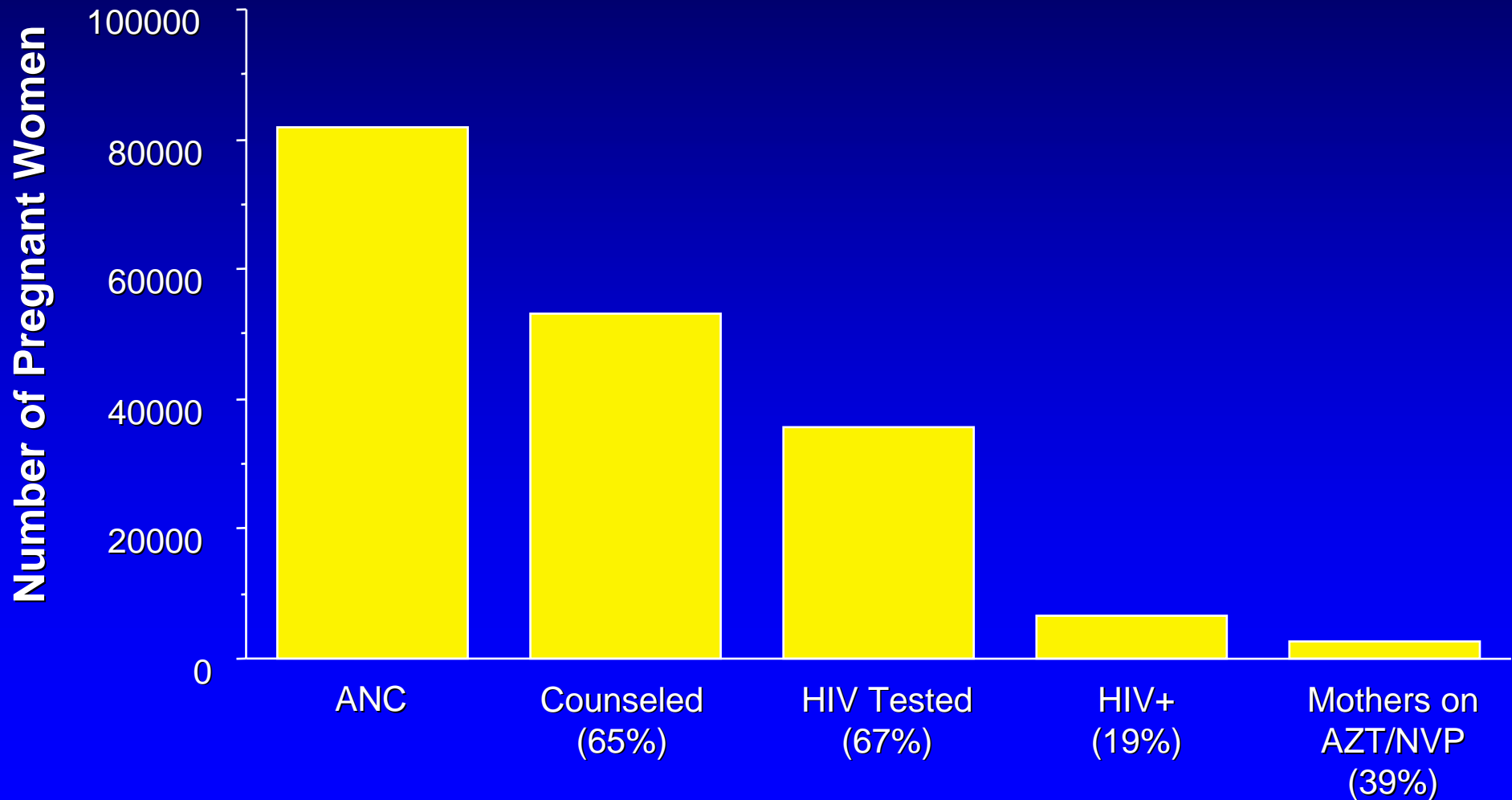
(Fiscus, 98)

- 407 TOTAL MOTHERS
- 2% no prenatal care
- 93% counseled
- 5% not counseled
- 2% refused testing
- 2% seroconverted during pregnancy

- 35 INFECTED INFANTS
- 46% not counseled
- 63% No ART



UN-sponsored Africa MTCT Programme



ELIZABETH GLASER PEDIATRIC AIDS FOUNDATION

IN PARTNERSHIP WITH FHI

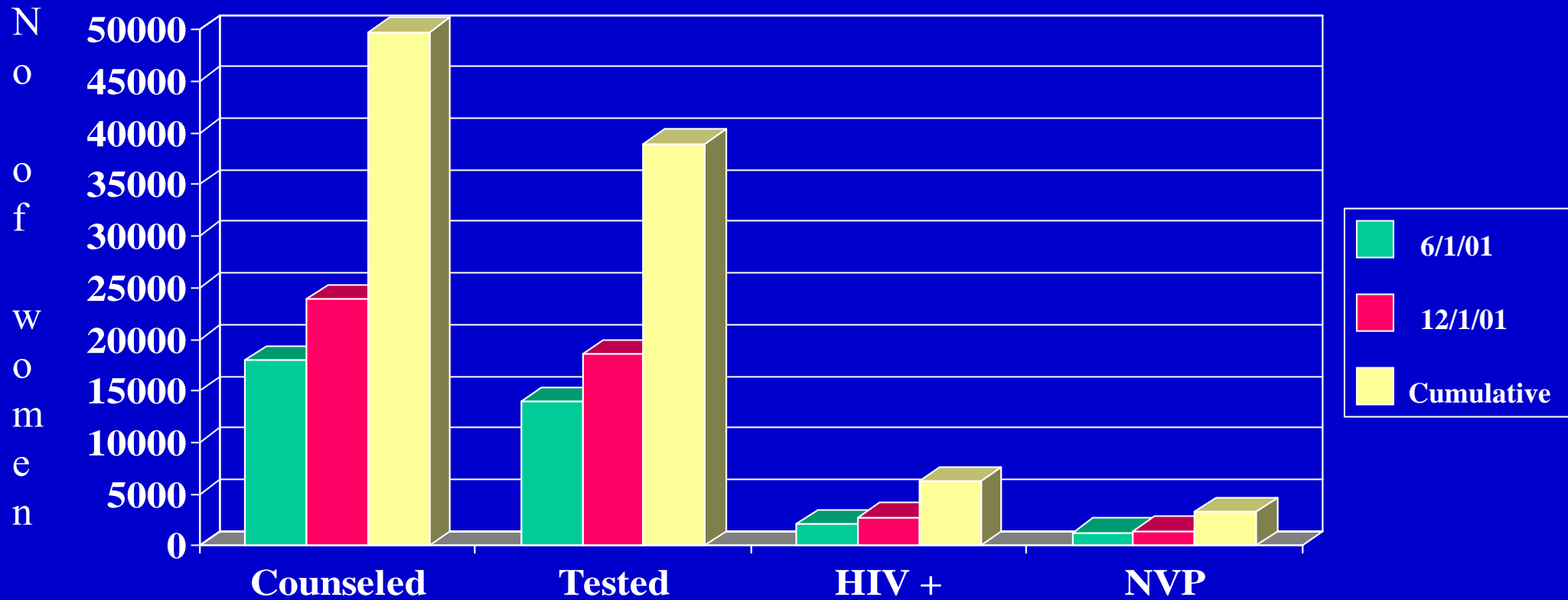
CALL TO ACTION PROJECT

**REDUCING MOTHER-TO-CHILD HIV TRANSMISSION
IN THE DEVELOPING WORLD**

**THE PROJECT SITES LISTED BELOW REPRESENT ACTIVE
PROGRAMS IN OVER 90 LOCATIONS THROUGHOUT 13
COUNTRIES IN THE DEVELOPING WORLD, AND WILL
BRING HIV TESTING AND MOTHER-TO-CHILD
TRANSMISSION INTERVENTION SERVICES TO MORE
THAN 250,000 WOMEN IN THE NEXT TWO YEARS.**

Call To Action

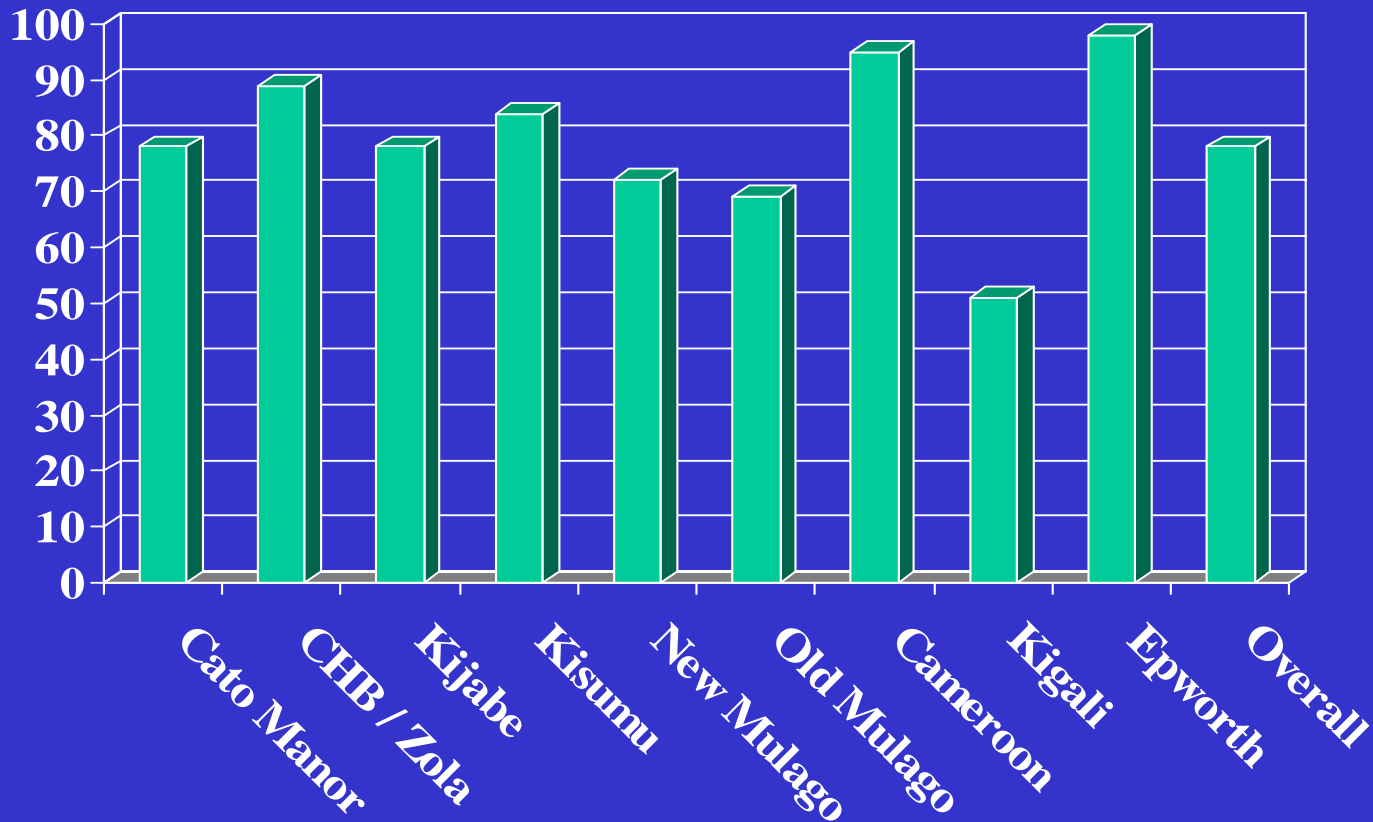
Preliminary Data



Percentage of Women Counselled Accepting Testing

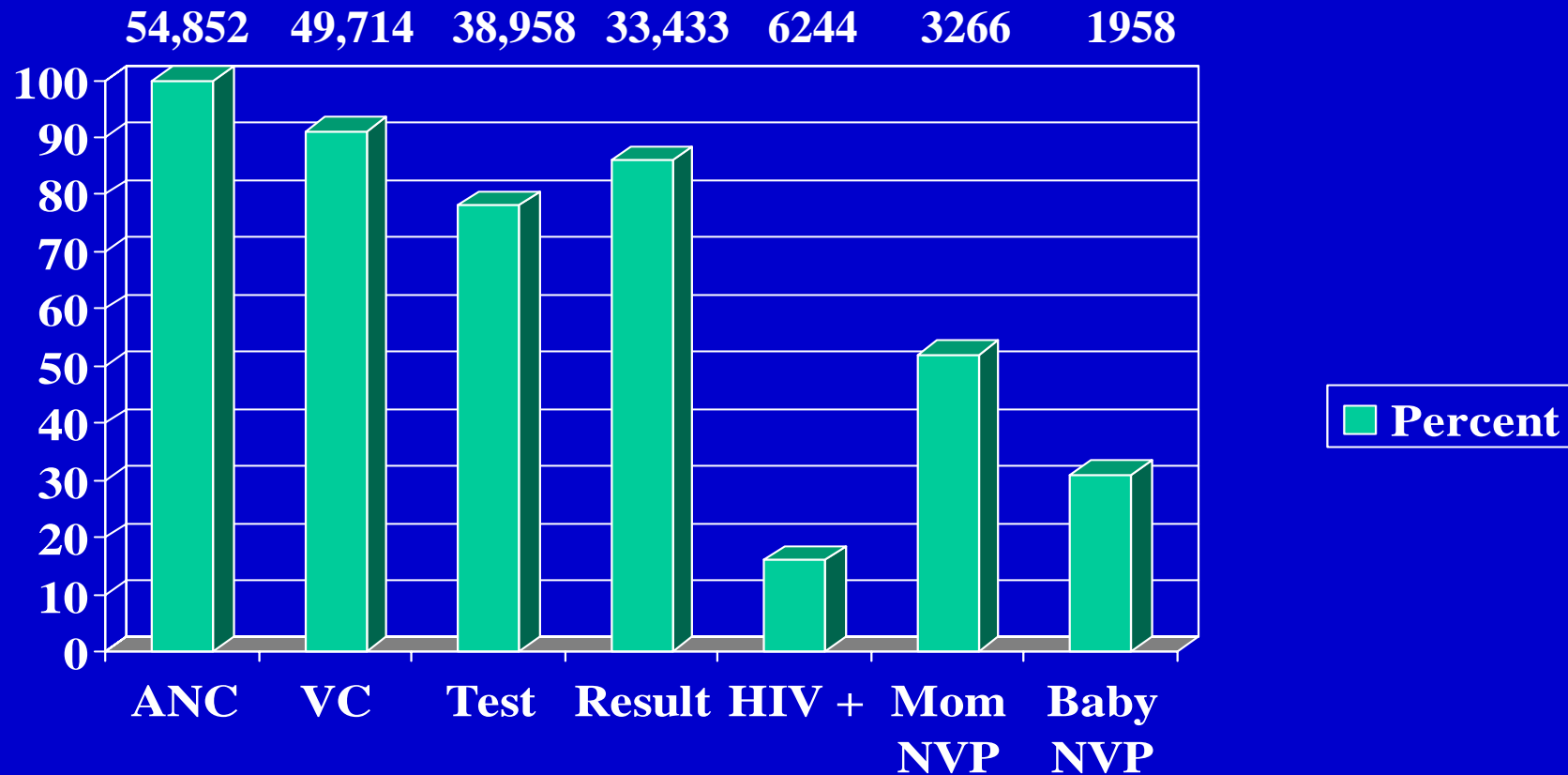
Preliminary Data

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EGPAF PMTCT Program

Preliminary Data



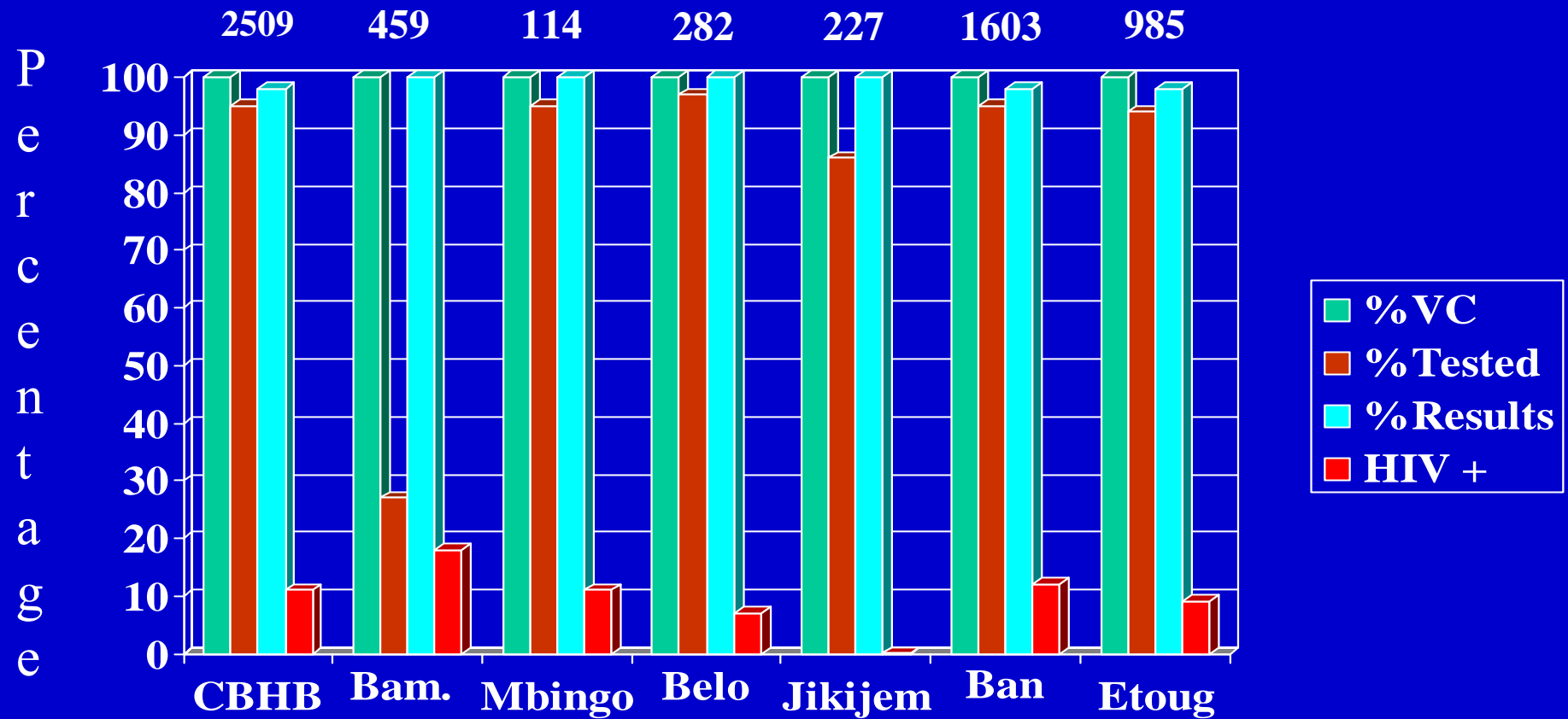
NW Province Cameroon

Preliminary Data

- 2/1/00 Cameroon Baptist Convention Health Board
- 12/01/00 Etoug
- 2/01/01 Banso
- 6/01/01 Belo; Nkwen; Ashong; Bangolan; Mbingo;
- 6/20/01 Ndu; Jikijem;
- 7/12/01 Ndop
- 8/1/01 Nkambe district; Bamenda PMI; Batibo
- 9/15/01 Bamenda Provincial

NW Province Cameroon

Preliminary Data



Observations pMTCT Africa

Preliminary Data

- Access to ANC and maternity variable.
- Estimated 40% hospital care is private not for profit rather than public
- Delivery at home with TBA
- Facilities: No private space
- Counseling: opt-in/opt out
- Is testing a barrier to intervention?
- Intervention only to HIV +, those who refuse testing?, all women in high seroprevalence areas?

KIJABE

**FEB-JUNE 2001 84% WOMEN IN ANC ACCEPTED HIV TESTING AND
PREVALENCE WAS 3.8%**

**AN ANONYMOUS SEROPREVALENCE STUDY OF WOMEN IN ANTENATAL
CLINIC WAS CONDUCTED**

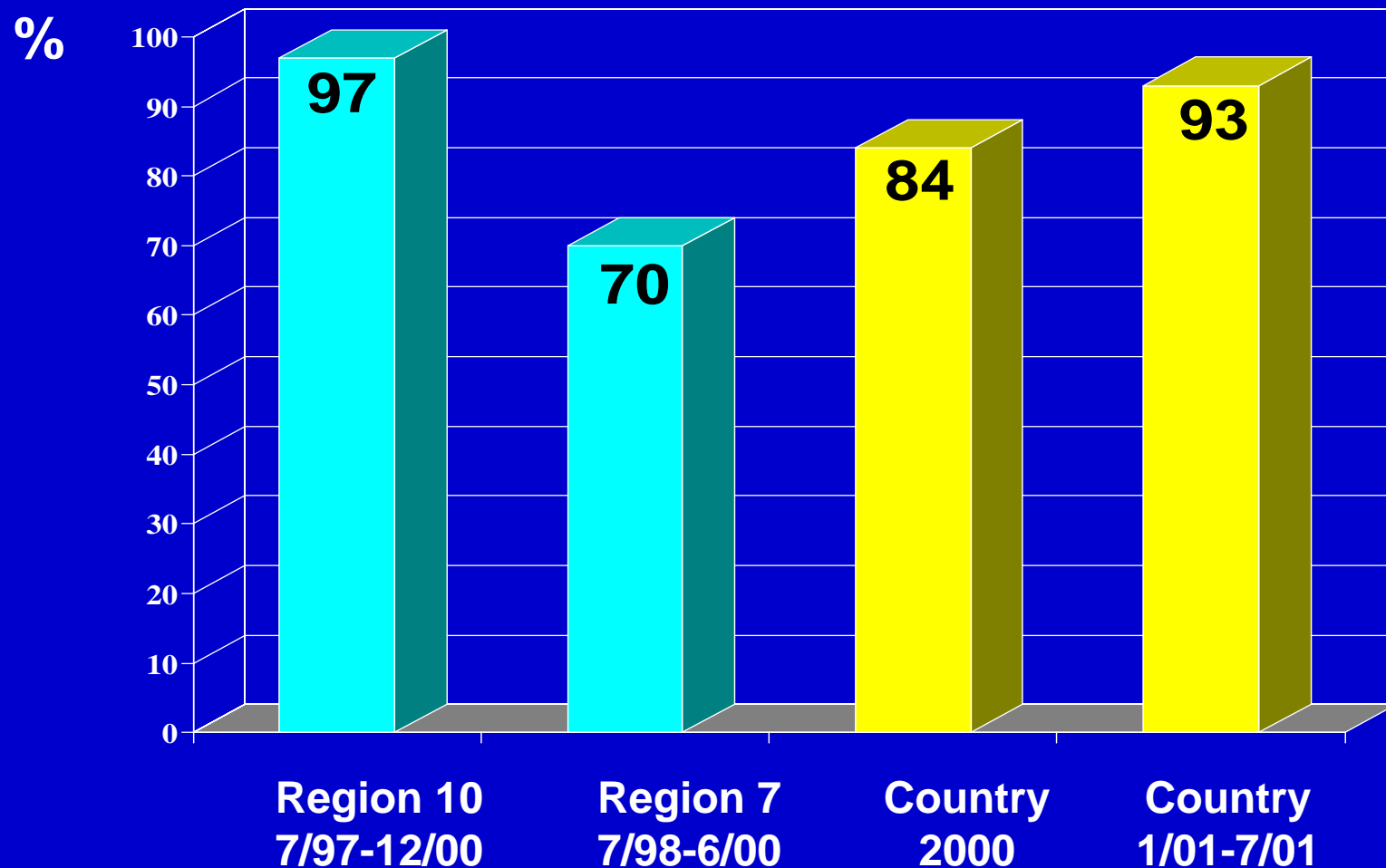
182 WOMEN TESTED

22 HIV + (12.1%)

**HIV TESTING WITH CONSENT MISSED 74% OF HIV POSITIVE WOMEN
56% OF THOSE WOMEN REFUSING TESTING WERE HIV +**

Uptake of HIV testing: from pilot projects to implementation

Preliminary Data



Source: Ministry of Public Health, Thailand

